

IN THE SPECIFICATION

Please amend the paragraph at page 9, lines 29 and 30, as follows:

- ~~Figure 3 illustrates~~ Figures 3A and 3B illustrate the device according to the invention.

Please amend the paragraph at page 11, lines 22-26, as follows:

The invention can thus use a statistical estimating method based on the use of surrogate data, which the PLS method uses to apply itself to non-stationary neuroelectric signals (unlike the [[PSC]] MSC method), as is the case for most biological signals.

Please amend the paragraph at page 13, lines 9-17, as follows:

As illustrated in ~~Figure 3~~ Figures 3A and 3B, the independent real time medical or cognitive monitoring device using an electromagnetic cerebral analysis of an individual includes circuits (amplifier 20, analogue-digital converter 21, buffer 22) for acquisition of signals representing the electrical activity of the brain, a processor 23 being used for acquisition and processing of these signals and an alert circuit 24 for the patient or for his environment, for example a light.